

AMENDMENTS TO THE CLAIMS:

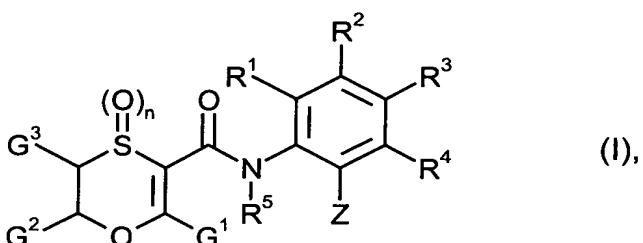
Please change the heading at page 83, line 1, from "Patent claims" to

--WHAT IS CLAIMED IS--

The following listing of claims will replace all prior versions of claims in the application.

Claims 1-18 (canceled)

-- Claim 19 (new): An oxathiincarboxamide of formula (I)



in which

G¹ represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl,

G² and G³ independently of one another represent hydrogen or methyl,

n represents 0, 1 or 2,

R¹, R², R³, and R⁴ independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,

R⁵ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-alkyl or (C₁-C₃-haloalkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-alkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 13

fluorine, chlorine, and/or bromine atoms; or represents -COR⁶, -CONR⁷R⁸, or -CH₂NR⁹R¹⁰,

R⁶ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR¹¹,

R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represent C₁-C₈-haloalkyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

R⁹ and R¹⁰ independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁹ and R¹⁰ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

R¹¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R¹² represents hydrogen or C₁-C₆-alkyl, and

Z represents Z¹, Z², Z³, or Z⁴, where

Z¹ represents phenyl that is optionally mono- to pentasubstituted by identical or different substituents,

- Z^2 represents cycloalkyl or bicycloalkyl that is optionally mono- or polysubstituted by identical or different substituents,
- Z^3 represents unsubstituted C_2 - C_{20} -alkyl or represents C_1 - C_{20} -alkyl that is mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_3 - C_6 -cycloalkyl in which the cycloalkyl moiety is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_1 - C_4 -alkyl, and
- Z^4 represents C_2 - C_{20} -alkenyl or C_2 - C_{20} -alkynyl that are optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_3 - C_6 -cycloalkyl, where the cycloalkyl moiety is optionally be mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_1 - C_4 -alkyl, or

Z and R^4 together with the carbon atoms to which they are attached form an optionally substituted 5- or 6-membered carbocyclic or heterocyclic ring and R^1 , R^2 , and R^3 independently of one another represent hydrogen or fluorine.

Claim 20 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which

- G^1 represents fluorine, chlorine, bromine, iodine, trifluoromethyl, difluoromethyl, or cyclopropyl,
- G^2 and G^3 independently of one another represent hydrogen, or methyl, and
- n represents 0 or 2.

Claim 21 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which R^5 represents hydrogen.

Claim 22 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which

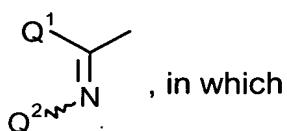
- R^1 represents hydrogen, fluorine, chlorine, or methyl,
- R^2 represents hydrogen, fluorine, chlorine, isopropyl, or methylthio,
- R^3 represents hydrogen, fluorine, chlorine, or methyl, and

R^4 represents hydrogen, fluorine, chlorine, or methyl.

Claim 23 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which

Z represents Z^1 , wherein Z^1 represents phenyl that is optionally mono- to pentasubstituted by identical or different substituents W^1 ,

W^1 represents halogen, cyano, nitro, amino, hydroxyl, formyl, carboxyl, carbamoyl, or thiocarbamoyl; represents straight-chain or branched alkyl, hydroxyalkyl, oxoalkyl, alkoxy, alkoxyalkyl, alkylthioalkyl, dialkoxyalkyl, alkylthio, alkylsulfinyl, or alkylsulfonyl having in each case 1 to 8 carbon atoms; represents straight-chain or branched alkenyl or alkenyloxy having in each case 2 to 6 carbon atoms; represents -chain or branched haloalkyl, haloalkoxy, haloalkylthio, haloalkylsulfinyl, or haloalkylsulfonyl having in each case 1 to 6 carbon atoms and 1 to 13 identical or different halogen atoms; represents straight-chain or branched haloalkenyl or haloalkenyloxy having in each case 2 to 6 carbon atoms and 1 to 11 identical or different halogen atoms; represents straight-chain or branched alkylamino, dialkylamino, alkylcarbonyl, alkylcarbonyloxy, alkoxy carbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylalkylaminocarbonyl, or dialkylaminocarbonyloxy having 1 to 6 carbon atoms in the respective hydrocarbon chains; represents alkenylcarbonyl or alkynylcarbonyl having 2 to 6 carbon atoms in the respective hydrocarbon chains; represents cycloalkyl or cycloalkyloxy having in each case 3 to 6 carbon atoms; represents doubly attached alkylene having 3 or 4 carbon atoms, oxyalkylene having 2 or 3 carbon atoms, or dioxyalkylene having 1 or 2 carbon atoms, each of which radicals is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of fluorine, chlorine, oxo, methyl, trifluoromethyl, and ethyl; represents a group



Q^1 represents hydrogen, hydroxyl, alkyl having 1 to 4 carbon atoms, haloalkyl having 1 to 4 carbon atoms and 1 to 9 fluorine,

chlorine, and/or bromine atoms, or cycloalkyl having 1 to 6 carbon atoms, and

Q^2 represents hydroxyl, amino, methylamino, phenyl, or benzyl; represents optionally cyano-, hydroxyl-, alkoxy-, alkylthio-, alkylamino-, dialkylamino-, or phenyl-substituted alkyl or alkoxy having 1 to 4 carbon atoms; or represents alkenyloxy or alkynyoxy having in each case 2 to 4 carbon atoms;

or

represents phenyl, phenoxy, phenylthio, benzoyl, benzoylethenyl, cinnamoyl, or heterocyclyl or phenylalkyl, phenylalkyloxy, phenylalkylthio, or heterocyclalkyl having in each case 1 to 3 carbon atoms in the respective alkyl moieties, each of which radicals is optionally mono- to trisubstituted in the cyclic part by halogen and/or straight-chain or branched alkyl or alkoxy having 1 to 4 carbon atoms.

Claim 24 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which Z represents Z^2 , wherein Z^2 represents cycloalkyl or bicycloalkyl having in each case 3 to 10 carbon atoms, each of which radicals is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and/or C₁-C₄-alkyl.

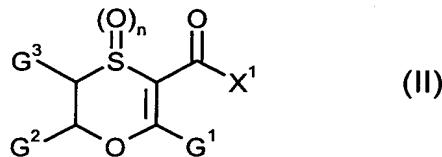
Claim 25 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which Z represents Z^3 , wherein Z^3 represents unsubstituted C₂-C₂₀-alkyl or represents C₁-C₂₀-alkyl which is monosubstituted or polysubstituted by identical or different substituents selected from the group consisting of fluorine, chlorine, bromine, iodine and C₃-C₆-cycloalkyl in which the cycloalkyl moiety is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of fluorine, chlorine, bromine, iodine, C₁-C₄-alkyl, and C₁-C₄-haloalkyl.

Claim 26 (new): The oxathiincarboxamide of formula (I) as claimed in Claim 19 in which Z represents Z^4 , wherein Z^4 represents C₂-C₂₀-alkenyl or C₂-C₂₀-alkynyl, each of which is mono- or polysubstituted by identical or different substituents selected

from the group consisting of fluorine, chlorine, bromine, iodine, and C₃-C₆-cycloalkyl in which the cycloalkyl moiety is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of fluorine, chlorine, bromine, iodine, C₁-C₄-alkyl, and C₁-C₄-haloalkyl.

Claim 27 (new): A process for preparing a oxathiincarboxamide of formula (I) as claimed in Claim 19 comprising

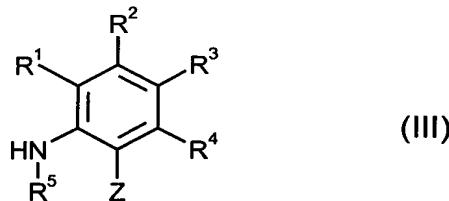
- (a) reacting an oxathiincarboxylic acid derivative of formula (II)



in which

G¹, G², G³ and n are as defined for formula (I) in Claim 19,
X¹ represents halogen or hydroxyl,

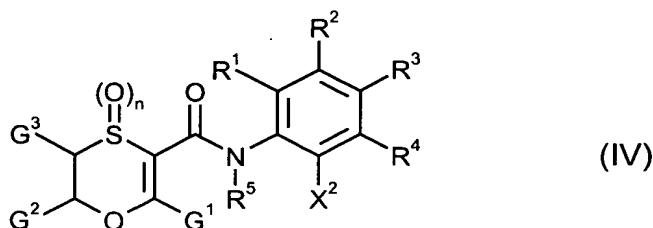
with an aniline derivative of formula (III)



in which R¹, R², R³, R⁴, R⁵, and Z are as defined for formula (I) in Claim 19,

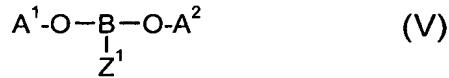
optionally in the presence of a catalyst, optionally in the presence of a condensing agent, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

- (b) reacting a halooxathiincarboxamide of formula (IV)



in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and
 X^2 represents bromine or iodine,
with a boronic acid derivative of formula (V)

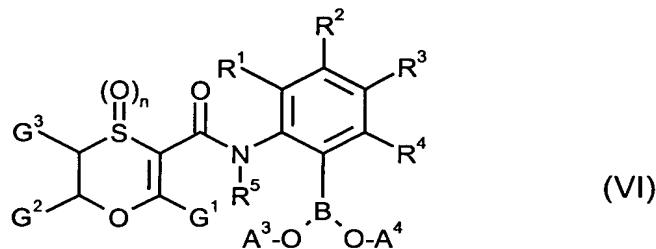


in which

Z^1 is as defined for formula (I) in Claim 19, and
 A^1 and A^2 each represent hydrogen or together represent tetramethyl-ethylene,

in the presence of a catalyst, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

- (c) reacting an oxathiincarboxamide boronic acid derivative of formula (VI)



in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and

A^3 and A^4 each represent hydrogen or together represent tetramethyl-ethylene,

with a phenyl derivative of formula (VII)



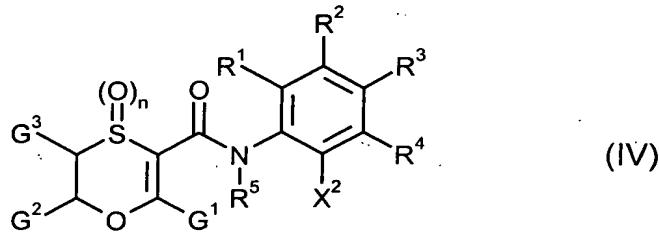
in which

Z^1 is as defined for formula (I) in Claim 19, and

X^3 represents chlorine, bromine, iodine, or trifluoromethylsulfonate,

in the presence of a catalyst, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

- (d) reacting a halooxathiincarboxamide of formula (IV)



in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and

X^2 represents bromine or iodine,

with a phenyl derivative of formula (VII)



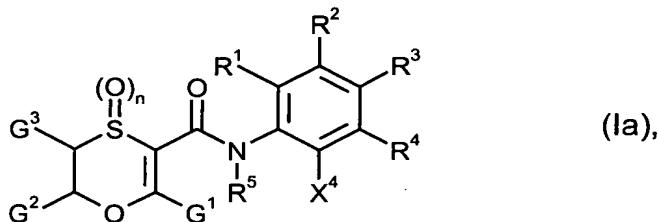
in which

Z^1 is as defined for formula (I) in Claim 19, and

X^3 represents chlorine, bromine, iodine, or trifluoromethylsulfonate,

in the presence of a palladium or nickel catalyst and in the presence of 4,4,4',4',5,5,5',5'-octamethyl-2,2'-bis-1,3,2-dioxaborolane, optionally in the presence of an acid binder, and optionally in the presence of a diluent, or

(e) hydrogenating an oxathiincarboxamide of formula (Ia)



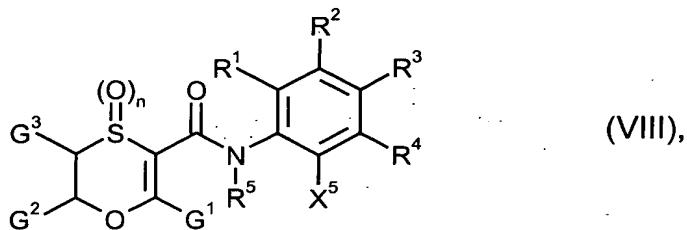
in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and

X^4 represents C₂-C₂₀-alkenyl or C₂-C₂₀-alkynyl, each of which is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₃-C₆-cycloalkyl, where the cycloalkyl moiety for its part may optionally be substituted by halogen and/or C₁-C₄-alkyl,

optionally in the presence of a diluent and optionally in the presence of a catalyst, or

- (f) dehydrating a hydroxyalkyloxathiincarboxamide of formula (VIII)



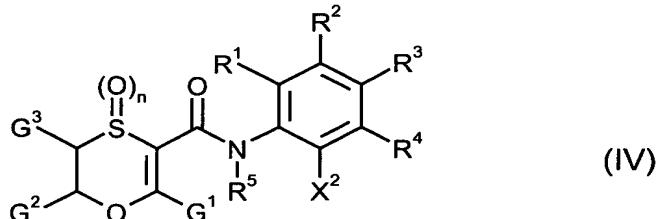
in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and

X^5 represents C_2 - C_{20} -hydroxyalkyl that is optionally additionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_3 - C_6 -cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or C_1 - C_4 -alkyl,

optionally in the presence of a diluent and optionally in the presence of an acid, or

- (g) reacting a haloalkyloxathiincarboxamide of formula (IV)



in which

G^1 , G^2 , G^3 , n , R^1 , R^2 , R^3 , R^4 , and R^5 are as defined for formula (I) in Claim 19, and

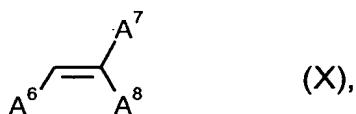
X^2 represents bromine or iodine,

with an alkyne of formula (IX)



in which A^5 represents C_2 - C_{18} -alkyl, each of which is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C_3 - C_6 -cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or C_1 - C_4 -alkyl,

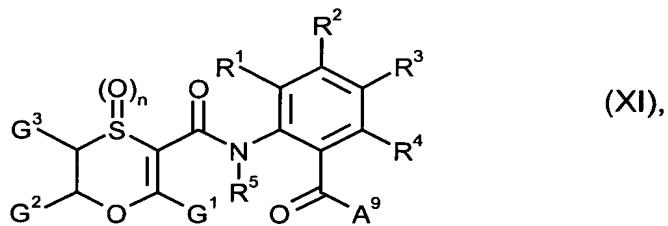
or with an alkene of the formula (X)



in which A⁶, A⁷ and A⁸ independently of one another each represent hydrogen or alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₃-C₆-cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or C₁-C₄-alkyl and in which the total number of carbon atoms of the open-chain part of the molecule does not exceed the number 20,

optionally in the presence of a diluent, optionally in the presence of an acid binder, and in the presence of one or more catalysts, or

- (h) reacting a ketone of formula (XI)

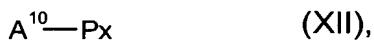


in which

G¹, G², G³, n, R¹, R², R³, R⁴, and R⁵ are as defined for formula (I) in Claim 19, and

A⁹ represents hydrogen or C₁-C₁₈-alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₃-C₆-cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or C₁-C₄-alkyl,

with a phosphorus compound of formula (XII)



in which

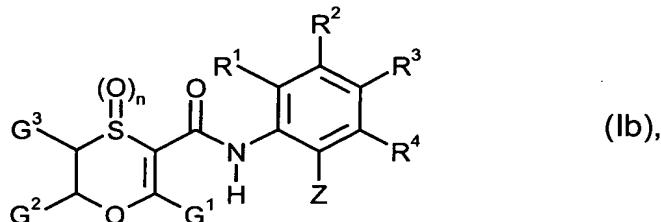
A¹⁰ represents C₁-C₁₈-alkyl that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₃-C₆-cycloalkyl in

which the cycloalkyl moiety is optionally substituted by halogen and/or C₁-C₄-alkyl, and

Px represents a grouping -P⁺(C₆H₅)₃ Cl⁻, -P⁺(C₆H₅)₃ Br⁻, -P⁺(C₆H₅)₃ I⁻, -P(=O)(OCH₃)₃, or -P(=O)(OC₂H₅)₃,

optionally in the presence of a diluent, or

- (i) reacting an oxathiincarboxamide of formula (Ib)



in which G¹, G², G³, n, R¹, R², R³, R⁴, and Z are as defined for formula (I) in Claim 19,

with a halide of formula (XIII)



in which

R⁵⁻¹ represents C₁-C₈-alkyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-alkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-alkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR⁶, -CONR⁷R⁸ or -CH₂NR⁹R¹⁰ in which R⁶, R⁷, R⁸, R⁹ and R¹⁰ are as defined for formula (I) in Claim 19, and

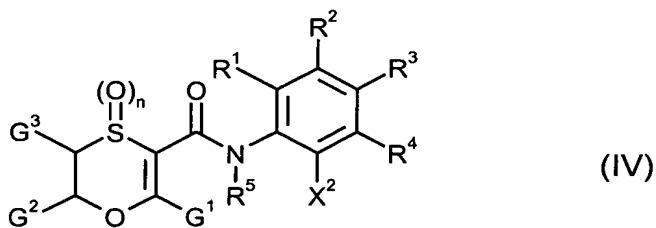
X^6 represents chlorine, bromine or iodine,
in the presence of a base and in the presence of a diluent.

Claim 28 (new): A composition for controlling unwanted microorganisms comprising one or more oxathiincarboxamides of formula (I) as claimed in Claim 19 and one or more extenders and/or surfactants.

Claim 29 (new): A method for controlling unwanted microorganisms comprising applying one or more oxathiincarboxamides of formula (I) as claimed in Claim 19 to the microorganisms and/or their habitat.

Claim 30 (new): A process for preparing a composition for controlling unwanted microorganisms comprising mixing one or more oxathiincarboxamides of formula (I) as claimed in Claim 19 with one or more extenders and/or surfactants.

Claim 31 (new): A halooxathiincarboxamide of formula (IV)



in which

G^1 represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl,

G^2 and G^3 independently of one another represent hydrogen or methyl,

n represents 0, 1 or 2,

R^1 , R^2 , R^3 , and R^4 independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,

R^5 represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl;

represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-alkyl or (C₁-C₃-haloalkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-alkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR⁶, -CONR⁷R⁸, or -CH₂NR⁹R¹⁰,

R⁶ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR¹¹,

R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represent C₁-C₈-haloalkyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

R⁹ and R¹⁰ independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁹ and R¹⁰ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

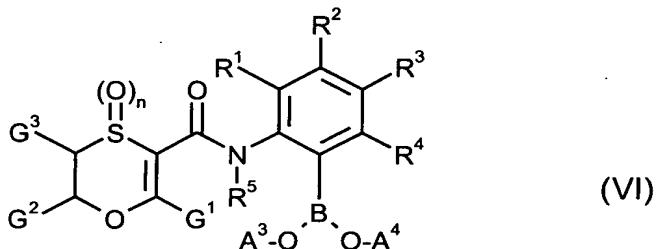
R¹¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-

alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R¹² represents hydrogen or C₁-C₆-alkyl, and

X² represents bromine or iodine.

Claim 32 (new): An oxathiincarboxamideboronic acid derivative of formula (VI)



in which

G¹ represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl,

G² and G³ independently of one another represent hydrogen or methyl,

n represents 0, 1 or 2,

R¹, R², R³, and R⁴ independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,

R⁵ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-alkyl or (C₁-C₃-haloalkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-alkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR⁶, -CONR⁷R⁸, or -CH₂NR⁹R¹⁰,

R⁶ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-

alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR¹¹,

R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represent C₁-C₈-haloalkyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

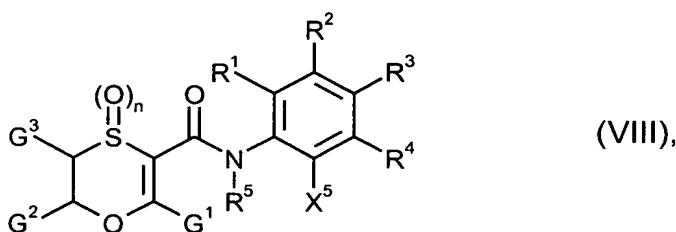
R⁹ and R¹⁰ independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁹ and R¹⁰ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

R¹¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R¹² represents hydrogen or C₁-C₆-alkyl, and

A³ and A⁴ each represent hydrogen or together represent tetramethylethylene.

Claim 33 (new): A hydroxyalkyloxathiincarboxamide of formula (VIII)



(VIII),

in which

- G¹ represents halogen, trifluoromethyl, difluoromethyl, or cyclopropyl,
- G² and G³ independently of one another represent hydrogen or methyl,
- n represents 0, 1 or 2,
- R¹, R², R³, and R⁴ independently of one another represent hydrogen, fluorine, chlorine, methyl, isopropyl, or methylthio,
- R⁵ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-alkyl or (C₁-C₃-haloalkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 7 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-alkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 6 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₃-haloalkyl)carbonyl-C₁-C₃-haloalkyl or (C₁-C₃-haloalkoxy)carbonyl-C₁-C₃-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; or represents -COR⁶, -CONR⁷R⁸, or -CH₂NR⁹R¹⁰,
- R⁶ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -COR¹¹,
- R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represent C₁-C₈-haloalkyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

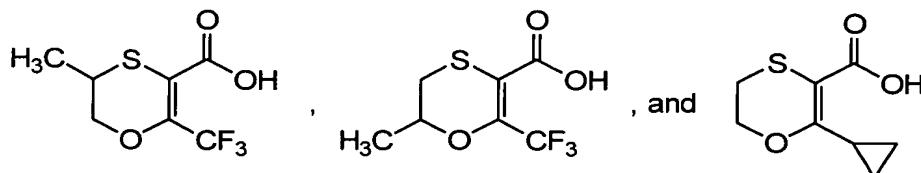
R^9 and R^{10} independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R^9 and R^{10} together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms, where the heterocycle optionally contains 1 or 2 further nonadjacent heteroatoms selected from the group consisting of oxygen, sulphur; and NR¹² and is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl,

R^{11} represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R^{12} represents hydrogen or C₁-C₆-alkyl, and

X^5 represents C₂-C₂₀-hydroxyalkyl that is optionally additionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₃-C₆-cycloalkyl in which the cycloalkyl moiety is optionally substituted by halogen and/or C₁-C₄-alkyl.

Claim 34 (new): An oxathiincarboxylic acid derivative of formula (II) selected from the group consisting of



Claim 35 (new): An aniline derivative of formula (III) selected from the group consisting of

